

AFC1 AND RCE1: ISOPRENYLATED CAAX PROCESSING ENZYMES

ABSTRACT OF THE DISCLOSURE

5 Two genes which encode polypeptides that mediate post-prenylation
processing steps in CAAX polypeptides such as Ras are provided. The two genes
(*AFC1* and *RCE1*) encode polypeptides that mediate the removal of the AAX tripeptide
from the CAAX polypeptide following prenylation. The genes and encoded
polypeptides provide assays for testing compounds for an effect on post-prenylation
10 processing steps. A heat shock assay for assessing Ras activity is also provided .

58